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Address _____

Date of Request 1/25/93 Expected receipt of document _____

Title of requested document ORNL Listing of Chemicals for Historic Chemical Release Report

Document Number Unnumbered / 603752

Access Number of Document _____ Date of Document 4-8-86

(This section to be completed by Derivative Classifier)

Derivative Classifier Sara H Welch Phone 4-7864

Date document transmitted to Dr. Quist CO 1/29/93

Date release received from Dr. Quist 2/2/93

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Approval of request for Classification and Information Control: ...cument (department head or higher):

Signature: ____ Date ____

DOCUMENT DESCRIPTION (to be completed by requester)

Document number Unnumbered / K03757 Pages 5

Document title ORNL Listing of Chemicals for the Historical Chemical Release Report

Author(s) (indicate other divisions or organizations, if applicable) BM Eisenhower

Document type (See Doc. Prep. Guide, Chs. 1 and 2, for definitions of document types):

☐ Formal Report ☐ Progress Report ☐ Informal R&D Report ☐ Abstract ☐ Drawing
☐ Administrative ☑ Correspondence ☑ Internal Technical Data ☐ Photo ☐ Other Visuals

☐ Journal Article (identify journal):

☐ Oral Presentation (identify meeting, sponsor, location, date):

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☐ Other (specify):

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Remarks

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Is the subject area of this document closely related to a prior or current classified program at Martin Marietta Energy Systems, Inc.?

☐ No ☐ Yes Within the Department of Energy? ☐ No ☐ Yes

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This document contains no classified information.

Derivative Classifier signature Sara H. Welch Date 1/27/93

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Internal Correspondence

MARTIN MARIETTA ENERGY SYSTEMS, INC.

APR 10 8 44 AM '86

April 8, 1986

576-0547
57 4-2907

L. W. Long, 1000, ORNL (6-5283)

ORNL Listing of Chemicals for the Historic Chemical Release Report

I am forwarding a copy of the list of chemicals that ORNL has identified to include in the subject report. The list contains those chemicals believed to have had the greatest potential for impact on public health and/or the environment over the past several years.

Because of the nature of the work at the Laboratory, numerous toxic chemicals have been utilized in small quantities, historically. For example, the Biology Division has used countless known or suspected chemical carcinogens in various biomedical research activities. However, due to the minute quantities used and because of the controlled conditions under which they were used, toxic chemicals of this nature have not been included.

If you have any questions or comments, please let me know.

B. M. Eisenhower, 3001, MS 005 (4-3398)

BME:lgt

cc/att: W. G. Butturini, 9704-1, MS 001 (4-3692)
S. T. Goodpasture, K-1020, MS 402 (6-0421)
W. E. Porter, 3550, ORNL (4-6164)
P. S. Rohwer, 4500S, MS G-260 (4-6670)

APPROVAL FOR RELEASE

Document: # Unnumbered 1-page ltr, BM Eisenhower to LW Long, dtd 4/8/86, ORNL LISTING OF CHEMICALS FOR THE HISTORIC CHEMICAL RELEASE REPORT; 4-page attachment ; Date

Title/Subject

Approval for unrestricted release of this document is authorized by the Oak Ridge K-25 Site Classification and Information Control Office, Martin Marietta Energy Systems, Inc., PO Box 2003, Oak Ridge, TN 37831-7307.

K-25 Classification & Information Control Officer — Date 2/2/93

1. Acetone
2. Acetonitrile
3. Acrylamide
4. Aluminum nitrate
5. Ammonia, anhydrous
6. Ammonium bifluoride
7. Ammonium hydroxide
8. Ammonium nitrate
9. Asbestos - Containing Materials
10. Barium octahydrate
11. Benzene
12. Cadmium nitrate
13. Calcium hypochlorite
14. Carbon monoxide
15. Carbon tetrachloride
16. Chlorine, gas
17. Chloroform
18. Chromic acid
19. Coal oil mixture
20. Coal Tar Pitch
21. Diethylbenzene
22. Diethylenetriamine pentaacetic sodium salt
23. 1,4 - Dioxane
24. Dodecane
25. Endcor
26. Epoxy resins
27. Ethyl acetate

28. Ethyl ether
29. Ethyl alcohol, denatured
30. Ethyl alcohol
31. Ethylene glycol
32. Ethylene oxide
33. Ferric chloride
34. Ferric sulfate
35. Formaldehyde
36. Formamide
37. Hexane
38. Hydrochloric acid
39. Hydrofluoric acid
40. Hydrogen peroxide
41. Isopropyl alcohol
42. Lacquer thinner
43. Lead
44. Magnesium nitrate
45. Mercury
46. Methyl alcohol
47. Methyl ethyl ketone
48. Methylene chloride
49. Metex Stripper
50. Micro-bio-Treat
51. Naphtha
52. Nickel chloride
53. Nickel sulfate
54. Nitric acid

55. Nitric oxide

56. Pararosaniline

57. Pentane

58. Phenol

59. Phosphoric acid

60. Polychlorinated biphenyls (PCBs)

61. Potassium cyanide

62. Potassium hydroxide

63. Pyridine

64. Silicon tetrafluoride

65. Sodium bifluoride

66. Sodium cyanide

67. Sodium dithionite

68. Sodium hydroxide

69. Sodium nitrate

70. Sulfur hexafluoride

71. Sulfuric acid

72. Tetrachloroethylene

73. Tetrahydrofuran

74. Toluene

75. Tributyl phosphate

76. Trichloroethylene

77. Trichloromethylsilane

78. Varsol

79. Xylene

Fungicides, Insecticides, Rodenticides & Herbicides

80. Chlordane

81. Chlorpyrifos
82. Diazinon
83. 2,4 - Dichloropenoxy acetic acid
84. Dicot
85. Disulfoton
86. Kelthane
87. Lasso
88. Lindane
89. Malathion
90. Orthene
91. Pramitol
92. Ronstar G
93. Round - Up
94. Silvex
95. Subdue E 2
96. Talon
97. Vydate